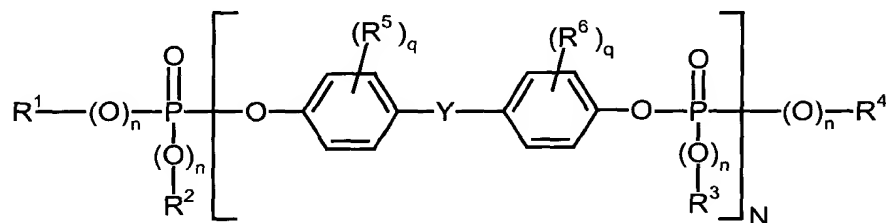


FLAME-RESISTANT POLYCARBONATE COMPOSITIONS

ABSTRACT OF THE DISCLOSURE

The invention relates to flame-resistant polycarbonate compositions comprising a phosphorus compound of the general formula (I),



(I).

With reference to general formula (I): R¹, R², R³ and R⁴ are each independently selected from (i) C₁ to C₈ alkyl optionally substituted by halogen, (ii) C₅ to C₆ cycloalkyl, (iii) C₆ to C₁₀ aryl and (iv) C₇ to C₁₂ aralkyl, each of (ii)-(iv) being optionally and independently substituted by at least one of halogen and C₁ to C₄ alkyl; n is 0 or 1; q is 0, 1, 2, 3 or 4; N is 0.1 to 5; R⁵ and R⁶ are each independently selected from C₁ to C₄ alkyl and halogen; and Y denotes isopropylidene. The phosphorous compound represented by general formula (I) comprises less than 1 wt. % of isopropenylphenyl phosphate, based on the weight of the phosphorous compound represented by general formula (I).